

1192A Non-Paired - Four-Conductor Star Quad, Low-Impedance Cable



Description:

24 AWG stranded (42x40) high-conductivity bare copper conductors, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| | |
|----------------------------|------------------------|
| Number of Conductors | 4 |
| Total Number of Conductors | 4 |
| AWG | 24 |
| Stranding | 42x40 |
| Conductor Diameter | .024 in. |
| Conductor Material | SBC - Soft Bare Copper |

INSULATION:

| | |
|--------------------------------|-------------------|
| Insulation Material | PE - Polyethylene |
| Nom. Insulation Wall Thickness | .016 in. |
| Insulation Diameter | .056 in. |

OVERALL CABLING:

Overall Cabling Color Code Chart :

| Number | Color | Number | Color |
|--------|-------|--------|---------------------|
| 1 | Blue | 3 | Blue w/White Stripe |
| 2 | White | 4 | White w/Blue Stripe |

OUTER SHIELD:

| | |
|-------------------------|--------------------|
| Outer Shield Type | Braid |
| Outer Shield Material | TC - Tinned Copper |
| Outer Shield % Coverage | 95 % |

OUTER JACKET:

| | |
|-------------------------------------|--------------------------|
| Outer Jacket Material | PVC - Polyvinyl Chloride |
| Outer Jacket Nominal Wall Thickness | .045 in. |

OVERALL NOMINAL DIAMETER:

| | |
|--------------------------|----------|
| Overall Nominal Diameter | .245 in. |
|--------------------------|----------|

MECHANICAL CHARACTERISTICS:

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| | |
|----------------------------------|-----------------|
| Operating Temperature Range | -30°C To +75°C |
| Non-UL Temperature Rating | 75°C |
| Bulk Cable Weight | 33 lbs/1000 ft. |
| Max. Recommended Pulling Tension | 21 lbs. |
| Min. Bend Radius (Install) | 2.45 in. |

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

| | |
|---------------------------------------|------------|
| EU CE Mark (Y/N) | Yes |
| EU RoHS Compliant (Y/N) | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004 |

PLENUM/NON-PLENUM:

| | |
|--------------|---|
| Plenum (Y/N) | N |
|--------------|---|

ELECTRICAL CHARACTERISTICS:

| | |
|---|-------------------|
| Nom. Characteristic Impedance | 40 Ohms |
| Nom. Inductance | .21 µH/ft |
| Nom. Capacitance Conductor to Conductor @ 1 KHz | 39.2 pF/ft |
| Nom. Cap. Between Cond. in a Quad Config. @ 1 KHz | 57.4 pF/ft |
| Nominal Velocity of Propagation | 66 % |
| Nom. Conductor DC Resistance @ 20 Deg. C | 26.6 Ohms/1000 ft |
| Nominal Outer Shield DC Resistance @ 20 Deg. C | 7.1 Ohms/1000 ft |
| Max. Operating Voltage - UL | 100 V RMS |

Max. Operating Voltage - Other :

| Other Voltage | Description |
|---------------|---|
| 18.0 kV | Nom. breakdown voltage between conductors |
| 16.9 kV | Nom. breakdown voltage conductors to shield |

| | |
|-----------------------------------|---|
| Max. Recommended Current | 2.9 Amps per conductor @ 25°C |
| Other Electrical Characteristic 1 | 2/c 21 AWG equivalent DCR when connected to a 3-pin XLR |

NOTES:

| | |
|-------|---|
| Notes | Quad connection scheme: The two blue wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the two white wires (or remaining wires) are connected together to form the second conductor. |
|-------|---|

PUT-UPS AND COLORS:

| Item | Description | Put-Up (ft.) | Ship Weight (lbs.) | Jacket Color | Notes |
|---------------|----------------------------|--------------|--------------------|--------------|-------|
| 1192A B59100 | 4 #24 PE SH PVC BLK MTT | 100 | 3.3 | BLACK, MATTE | |
| 1192A B591000 | 4 #24 PE SH PVC BLK MTT | 1000 | 37 | BLACK, MATTE | C |
| 1192A B59500 | 4 #24 PE SH PVC BLK MTT | 500 | 16.5 | BLACK, MATTE | C |

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| | | | | | |
|---------------|----------------------------|------|------|---------------|---|
| 1192A G7V1000 | 4 #24 PE SH PVC RED MTT | 1000 | 37 | RED, MATTE | C |
| 1192A G7W1000 | 4 #24 PE SH PVC GRN MTT | 1000 | 37 | GREEN, MATTE | C |
| 1192A G7X1000 | 4 #24 PE SH PVC BLU MTT | 1000 | 37 | BLUE, MATTE | C |
| 1192A G7X500 | 4 #24 PE SH PVC BLU MTT | 500 | 16.5 | BLUE, MATTE | |
| 1192A G8M1000 | 4 #24 PE SH PVC YEL MTT | 1000 | 37 | YELLOW, MATTE | |
| 1192A U901000 | 4 #24 PE SH PVC GRY MTT | 1000 | 37 | GRAY, MATTE | C |

C = CRATE REEL PUT-UP.

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